The Toronto and Region Conservation Authority

Making Real Progress Toward a Healthier Regional Environment

1998

Annu

Partners in Conservation

The conservation authority movement has its roots in community interest in natural resource management. It has depended on local initiatives and partnerships. In addition to our municipal and provincial partners, we gratefully acknowledge the assistance of the many groups and individuals who were partners in conservation during 1998.

City of Toronto
Adjala-Tosorontio & Mono Townships
The Regional Municipality of Durham
The Regional Municipality of Peel
The Regional Municipality of York
Province of Ontario
The Conservation Foundation of Greater Toronto
Conservation Ontario

Mission Statement

The Toronto and Region Conservation Authority is a provincial/municipal partnership established in 1957, under the Conservation Authorities Act, to manage the renewable natural resources of the region's watersheds.

The Toronto and Region Conservation Authority, with one-third of Ontario's population within its area of jurisdiction, acts in the community's interest through advocating and implementing watershed management programs that:

Maintain and improve the quality of the region's lands and waters;
contribute to public safety from flooding and erosion;
provide for the acquisition of conservation and hazard lands; and
enhance the quality and variety of life, in the community by using its lands for inter-regional outdoor recreation, heritage preservation, and conservation education.

The Toronto and Region Conservation Authority will seek to fulfill its mission and serve the needs of its constituency in accordance with the highest standards of ethics and integrity.

Front Cover:
The red eft is the immature stage of the Eastern Newt. Born in healthy wetlands, it lives and travels in mature forests before returning to wetlands where it lives as an adult. Increasing urbanization shrinks these natural areas and breaks up the corridors between the wetlands and forests. The Eastern Newt is no longer found in the urban half of Toronto and Region Conservation's jurisdiction and are considered to be a species of concern. It's presence is a good indication of environmental health and habitat quality, which is of benefit to many other species of flora, fauna and people too.

Table of Contents

100-04643/

Comments & Photos 3

Chairs & CAO's Remarks 4

The TRCA Chart 5

Watershed Planning

- TRCA Jurisdiction Map 6
- Watershed Strategies ..... 7 - 9
- Resource Monitoring 10
- Erosion & Flood Control 11
- Recreation Highlights 12
- Education Highlights ..... 13 - 14

Land Use, Planning Advisory Services & Regulation Administration 15

Regeneration Projects ..... 16 - 18

Asset Management 19

Development & Marketing 20

Financial Statement 21

Conservation by the People 22

Comments & Photos

"To me, the environment means clean air, water and surroundings. More significantly, it provides an excellent medium for learning and understanding the delicate balance between man, other ecosystems and nature. The TRCA encourages community and school involvement on environmental projects through Multicultural Stewardship. I think TRCA's main role is Conservation, Restoration and Naturalization."

Sharon Braganza
Attended the Watershed/Nature Tour in July 1998

"The environment surrounds, nurtures and inspires us all. It is the joy of witnessing life, daily, in all its forms. It is to be treasured as our all encompassing heritage and security. It is a thing of beauty, of which we are a part. It is to be fiercely protected. I would like to see the TRCA assume a leadership role, as advocate and protector of this Natural Heritage, while reflecting a strong understanding of its bond with human history, past and evolving."

Madelaine McDowell
Chair, Humber Heritage Committee
Member of Humber Alliance

"Environment to me is the physical and spiritual interface with our internal and external surroundings and our obligation to take care of it. TRCA provides this, through the various stewardship initiatives such as restoration and naturalization projects and most importantly the provision and dissemination of information regarding the environment."

Soloman Boyé,
Member, Community Development For Multicultural Environmental Stewardship Steering Committee

Chairs Remarks

It has become a tradition at our Annual Meetings to highlight our past year's work through a slide show. This year's show was developed around the themes of community and partnership and although many of our 1998 programs and projects were highlighted, most of the pictures were of people involved in doing something for their environment and for the health of their watersheds. We showed school children, citizens, volunteers, Authority staff and Members and politicians from all levels of government playing an active role in the protection and regeneration of the natural resources within their community and watershed.

What was so impressive about this year's show was not only the tremendous amount of work done by the Authority, but the growing number of community groups, individuals and organizations that are becoming involved in helping us meet our vision of healthier watersheds. I want to thank all of our partners for their continued support. I also want to thank the Members of the Authority who have not only represented their constituents very well but they have worked hard together for the benefit of all of the residents of the nine watersheds for which we are the stewards. Without their help and support, we would not be able to accomplish as much as we do.

Dick O'Brien

C.A.O.'s Remarks

In this time of downsizing, down loading, municipal amalgamation and financial constraint, I am more convinced that providing value added programs, a commitment to core mandates, recognizing of the need to look for opportunities not excuses, recognizing the important role partnerships play and will continue to play in our future, the willingness to share in our successes and a desire to continually improve how we do business are the key to a healthy organization and a positive future. All of these are embodied in our Business Plan and within our staff and Members and I see these concepts in action on a daily basis throughout our organization. As a consequence, I see the positive results in terms of continued financial support from our municipal partners, the community and in meaningful projects being implemented which protect and regenerate our watersheds.

1998 was the second year of our three year Business Plan. The very optimistic targets we set for ourselves have virtually all been met and we are continuing to fine tune our Plan as we gain more experience and learn from our successes and our failures. The need to protect our environment and to manage the natural heritage system in our watersheds has never been greater and I believe we have the tools, the commitment and the support we need to deliver on our vision of healthy watersheds.

The Conservation Foundation of Greater Toronto, as it continues to evolve and grow in its capacity to raise funds for the Authority, remains a key partner in our work. We gratefully acknowledge and thank the Foundation, its Board of Directors, staff and most importantly, its donors, for their support.

J. Craig Mather

The TRCA

Member Municipalities & Members 1998

Adjala-Tosorontio & Mono Townships

D. Patterson *

The Regional Municipality of York

M. Black (Feb. - July)
R. Barber
D. Barrow
M. Di Biase *
B. Fisch
L. Pabst (July - Jan.)

The Regional Municipality of Durham

D. Dickerson
J. McMaster *
G.L. O'Connor *

The Regional Municipality of Peel

L. Bissell *
C. Cooper
C. Gyles
P. Palleschi
M. Prentice

City of Toronto

J. Adams *
M. Augimeri *
B. Balkissoon
M. Berger
I. Bossons
R. Cho
M. Giasante (Feb .- May)
I. Jones
J. King (July - Jan.)
P. McConnell
D. Minnan-Wong
R. Moeser *
D. O'Brien (Chair) *
B. Saundercook
M. Tzekas *

** Executive Committee Members*

Chief Administrative Officer / Secretary Treasurer
J. C. Mather

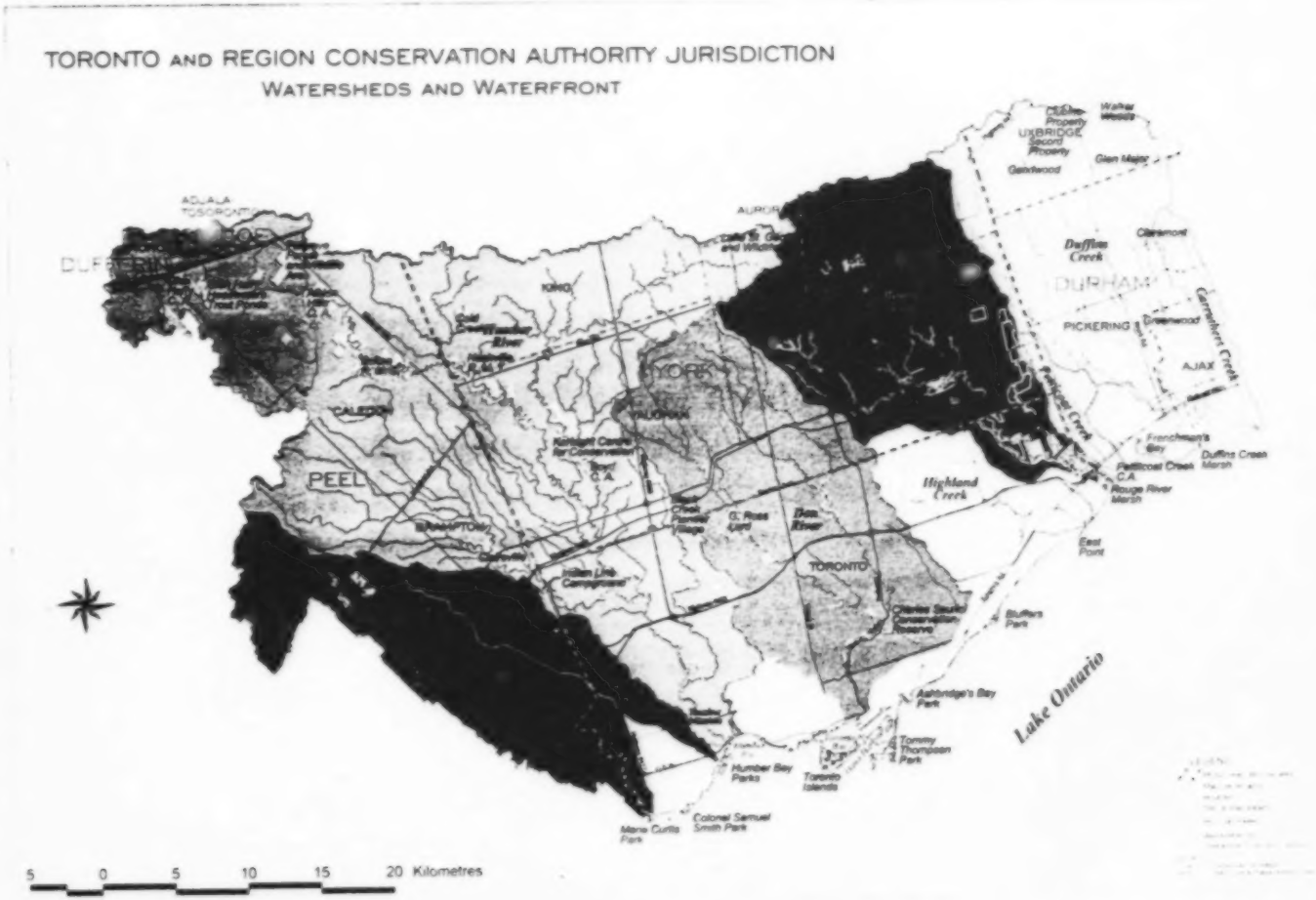
Director Finance and Business Development
J. Dillane

Director Watershed Management
B. Denney

Director Corporate Services
A. Deans

Director Development and Marketing
T. Feher

Watershed Planning



Watershed Planning

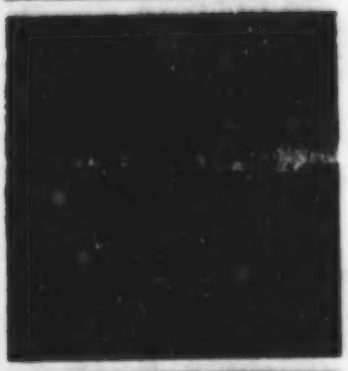
The Don Watershed

- A Natural Heritage Strategy, a critical guide to future regeneration projects within the Don, was initiated
- The first phase of the Watershed Monitoring Program to assess the progress of Report Card targets (aquatic and terrestrial habitat assessment), were implemented
- Chinook salmon were confirmed migrating upstream through mid-reaches of the Don River as a result of recent in-stream barrier mitigation and planning for the removal of two more barriers on the Don River to allow migratory fish reach spawning areas in the upper reaches of the watershed began
- Innovative Stormwater retrofit study for the Don River headwaters area was completed
- Regeneration work, including wetland creation, riparian plantings, stream rehabilitation, trees, shrubs, wildflower and aquatic plants plantings, continued at existing and many new project sites
- The implementation of the five year Bartley Smith Greenway (West Don) regeneration plan continued through aquatic and riparian habitat restoration and trail development
- Volunteer activity increased, including the number of frog monitors and public involved in implementing regeneration projects
- Raising environmental awareness continued through public and school outreach programs and through the new On the Don newsletter

The Highland Creek Watershed

- A draft of Highland Creek State of the Watershed Report was completed
- A community outreach plan was initiated to educate and inform Highland Creek residents about their watershed, and to learn from community members about the watershed, their issues, and concerns
- Field work was undertaken to update the Environmentally Significant Area (ESA) designation of Stephenson's Swamp. This will extend the boundary, so features such as the river mouth's dynamic sandy beaches are included.
- Detailed benthos and fish monitoring led to the development of a draft Highland Creek watershed fisheries management plan

Watershed Planning



The Humber Watershed Highlights

- The Humber River became an official candidate for designation as a Canadian Heritage River, nominated by the Canadian Heritage Rivers Board and endorsed by both governments
- Legacy: A Strategy for a Healthy Humber won the Canadian Institute of Planners 1998 Award of Excellence and the Heritage Toronto Award of Merit for publications
- A Humber Report Card was initiated
- Wetland construction, channel renaturalization, fish passage around in-stream barriers, trail construction, tree and shrub planting and interpretive signs and education programs continued at many Community Action sites
- Plans were initiated to modify barriers on the Humber River to restore migratory fishery throughout the watershed
- New Canadian groups were offered an opportunity to be involved in environmental programs thanks to the assistance of the Trillium Foundation and Environment Canada
- The Humber Watershed Alliance facilitated the implementation of Legacy: A Strategy for a Healthy Humber, encouraged and supported the environmental work of others and they fostered communication and education in local communities about the Humber River watershed

The Etobicoke and Mimico Creek Watersheds

- The State of the Watershed Report: Etobicoke and Mimico Creek Watersheds, a report intended to provide background information for the preparation of a watershed management strategy for these two watersheds was produced
- The Mimico Pedestrian Bridge was officially opened to the public

Watershed Planning

The Lake Ontario Waterfront

- Remediation efforts were initiated at the Canadian Arsenal lands in preparation for safe public use in 2000
- The waterfront park along the Humber Bay Shores community was completed
- Participation with the Waterfront Regeneration Trust on the Toronto Bay Initiative including new wetland habitat at Spadina Quay
- Received the Waterfront 2001 Task Force report on the Pickering Waterfront and established the Frenchman's Bay Rehabilitation Project in conjunction with our partners through the federal EcoAction 2000 initiative
- Continuation of erosion control activities along the Scarborough Bluffs including participation by the Province of Ontario in the Sylvan Avenue Shoreline Regeneration works

The Rouge Watershed

- A Trails Development & Management Plan was initiated and a Vegetation Management Plan was approved
- The Rouge Park and Rouge River Watershed Natural and Cultural Action Plan was approved
- 10,000 Trees for the Rouge Valley planting surpassed the 60, 000 trees mark
- Habitat '98 by Neighbourhood Environmental Science and Technology (NEST) integrated newly planted vegetation with habitat structures on the 10, 000 Trees site and was actively involved with Biomonitoring '98
- Rouge Headwaters Aquatic Habitat Rehabilitation Project and Morningside Aquatic Habitat Project which are coordinated by Ontario Streams in partnership with the Ministry of Natural Resources, completed various projects to naturalize and enrich previously sterile areas
- Lower Rouge Managed Succession Project by Friends of the Rouge Watershed and over 400 students and City of Toronto staff planted 4700 trees and shrubs
- The Little Rouge Restoration Project led by Save the Rouge Valley System (SRVS), created four wetland pools, reforested 6000 square metres and removed approximately 2000 cubic metres of sediment

Watershed Planning

Fish and Invertebrate Communities/Frog Monitoring

- Fish and bethnic invertebrate communities were sampled in the Don Watershed while bethnic invertebrates were sampled in Highland Creek and reports summarizing the results of the sampling were produced
- RAP MOU (Remedial Action Plan Memorandum of Understanding) funding was used to continue setting up a volunteer based monitoring program for "terrestrial species" int he Toronto and Region Area of Concern (AOC)
- In 1998, the Frog Monitoring Program study area was expanded to include the Humber Watershed (the program was started in 1997 with the launch of the Don Watershed Report Card)
- 1998/99 RAP MOU funding was also used to: write a preliminary report of the 1997 findings; revise the instruction manual; summarize raw data collected in 1998; purchase frog identification audio tapes; and conduct volunteer training sessions and field trips

Water Monitoring

- A draft report from the Tributary Toxic Discharge Study still undergoing revisions by MOE, will now contain results from 91/92 and 97/98 sampling in the Humber River
- The 1998/99 work program for the collection of water samples included a provision for the collection of riverine water samples for basic chemical analysis
- Water quality conditions were assessed and reported on as part of Etobicoke-Mimico Creek and Highland Creek State of the Watersheds Reports, Humber Watershed Report Card, City of Toronto's State of the Environment Report Update and the Region of Peel's State of the Environment Report Update
- All data analyses and assessments are presented in: 1990 to 1996 Water Quality Data for the Toronto RAP Watershed; Etobicoke Creek and Mimico Creek Surface Water Quality - Background Technical Report; Highland Creek Surface Water Quality - Background Technical Report; and Humber Watershed Report Card - Surface Water Quality Background Technical Report

Waterfront Monitoring

- Environmental monitoring along the waterfront continued in 1998, from Ajax to Etobicoke, to determine the health of the shoreline and the quality of the fish and wildlife
- In 1998 TRCA purchased an 18 foot Smith Root electro fishing boat surplused from Ontario Hydro and named the research boat R/V Night Heron, thus allowing TRCA the ability to monitor fish at our discretion and no longer have to rely on borrowed equipment
- In direct support of the Frenchman's Bay Watershed Rehabilitation Project, Frenchman's Bay became a focal point of monitoring efforts directed at understanding the wetland, fish community and wildlife population

Groundwater Management

We believe groundwater to be the next major natural resource management wave. TRCA believes the first step in addressing this important resource is the assessment of existing data and the identification of gaps in this data. To begin this discussion the TRCA hosted a Workshop on Groundwater Data and Management in Southern Ontario, in cooperation with the Ontario Groundwater Association, the Ontario Ministry of the Environment and the GTA Conservation Authorities in January of 1998

Watershed Planning

The goals of TRCA's Erosion and Flood Control projects are to minimize the hazards to life and property that result from erosion of riverbanks, valley walls and shoreline, and to protect and enhance the natural attributes of the valleys and Lake Ontario waterfront. Flood control and erosion responsibilities include: maintenance of flood structures, flood warning, stormwater management, shoreline management and remedial measures to prevent further erosion.

Site	Structure Protected	Cost $	Funding	Location	Notes
Erosion Control					
Weston Road	21 houses	$175,000	100% City of Toronto	Humber River/ North York	Slope stabilization pathway completed
Kingsbury Crescent	2 houses	14,000	100% City of Toronto	Scarborough Bluffs	Final site restoration
Sylvan Avenue	39 houses	431,400	6% Private 8% MNR 86% City of Toronto	Scarborough Bluffs	Shoreline protection
Fishleigh Drive	29 houses	34,600	100% City of Toronto	Scarborough Bluffs	Shoreline protection
Toronto Parks	Pedestrian pathways	230,000	100% City of Toronto	Don River/ North York, Humber River/ Scarborough, Highland Creek/ Etobicoke	Completed
Colonel Danforth	Road/ Services	310,000	100% City of Toronto	Highland Creek/ Scarborough	Slope stabilization
Crescentwood	Road/ Services Parkette	18,400	100% City of Toronto	Scarborough Bluffs	Design for slope stabilization
...ers/Sunnypoint	Road	26,875	100% City of Toronto	Scarborough Bluffs	Design for slope stabilization
...l Control					
...ating Channel	Commercial Industrial	310,000	66% City of Toronto 33% THC**	Don River/ Toronto	Maintenance dredging

...Toronto Harbour Commissioners

Watershed Planning

Conservation Area Highlights

- The first Sugarbush Maple Syrup Festival had a seamless approach incorporating both Bruce's Mill and the Kortright Centre.
- Caledon Canada Day festivities were again held at Albion Hills, with an even better attendance than 1997
- The Glen Haffy Pumpkinfest was the site for the world's largest Dinosaur Corn Maze
- Harvestfest at Bruce's Mill had its most successful year to date
- A driving range was developed at Bruce's Mill, slated for a 1999 opening
- The Toronto and Region Conservation Authority (TRCA) initiated the preparation of a comprehensive Management Plan for Boyd North and Glassco Park in the fall of 1998
- Construction of the Centre for Sustainable Living made considerable progress in 1998, due to the outstanding support of The International Zinc Association (IZA) and The American Iron and Steel Institute (AISI)

Black Creek Pioneer Village Highlights

- The Spring Tonic Fund raiser successfully raised money for restoration of the Doctor's House
- Mackenzie House was painted and repaired by volunteers, restoration of the cemetery continued and improvements were made to Visitors Centre
- New programming was designed around the Country Living in The City theme
- The Lamplight Country Christmas and evening program Twelve Nights of Christmas were introduced
- Black Creek Pioneer Village (BCPV) became host to the office of the Moderator of the GTA, now the Greater Toronto Services Board
- BCPV acquired a special collection of kitchen artifacts, as well as the contents of the Hunt Hardware Store
- Education Minister Dave Johnson visited Black Creek to announce significant changes to the elementary school curriculum that emphasize Canadian heritage and history

Total Visitors to Public Use Facilities

Areas	1997	1998
Albion Hills	82,800	79,347
Black Creek	181,134	156,114
Boyd	55,373	53,245
Bruce's Mill	98,612	98,789
Glen Haffy	48,736	43,703
Greenwood	13,408	n/a
Heart Lake	56,426	61,315
Indian Line	33,723	19,862
Kortright	115,997	119,933
Petticoat Creek	79,383	81,411
Totals	**765,592**	**713,719**

Watershed Planning

Black Creek Pioneer Village

- The fall was spent revising programs to match the new curriculum announced in August and new programs that meet the needs of the new curriculum will be in effect for the 1999
- The Christmas season had the added treat of lunchtime entertainment which was thoroughly enjoyed by all

Kortright Centre for Conservation

- The Kortright education staff re-evaluated all of their elementary programs in the light of the new Ontario curricula for Science and Technology, and Social Sciences resulting in development of several new programs
- Kortright hosted and conducted sessions for the GTA Conference for Outdoor Educators
- Kortright expanded an educational partnership with the McMichael Gallery, that streamlined the booking and invoicing system to assist teachers who were going to both locations on the same day

Albion Hills Field Centre

- The Association of Canadian Educational Resources (ACER) Program, a program that has students monitor environmental health over time of two plots(Albion Hills Conservation Area and Palgrave Forest) then enter the data into a Provincial registry for comparison, was initiated
- Albion Hills Farm erected a 30' x 20' Coverall™ barn to allow on site facilities for our heifer population, all work was done by staff and the Centre received a financial grant from the supplier
- Field Centre programming in 1998 focused on the delivery of the Provincial Ministry of Education and Training Curriculum guidelines for our client groups
- Funding from Shell Foundation provided financial backing to assist in Centreville Creek rehabilitation, trail maintenance and riparian planting

Boyd Field Centre

- There were extensive building renovations which included the establishment of two meeting rooms, wheelchair accessible accommodation and washrooms
- A Terrestrial Succession Mural that runs the length of the building was created in the lower hallway
- An Archaeological Excavation "Simulation" Site was developed by staff and funded through grants

WOW/RAP

- Watershed On Wheels (WOW) continued its community education outreach program delivering watershed programs to student and community groups in the greater Toronto area
- The Remedial Action Plan (RAP) activities focused on water based programs meeting curriculum guidelines for grades 4 to 6
- Under the WOW/RAP banner, 1500 students from 88 classes were visited by our outreach staff and their WOW van

Watershed Planning

Education Program Participants

Facility	1997	1998
Albion Hills Field Centre	3,404	3,152
Boyd Field Centre	2,010	2,551
Claremont Field Centre	3,378	3,711
Claremont/Durham Centre	4,500	4,774
Claireville/Etobicoke Field Studies	7,203	7,368
Lake St. George Field Centre	3,401	3,309
Black Creek Pioneer Village:		
Educational Tours	44,782	36,935
Pioneer Life Programs	5,700	5,259
Dickson's Hill Programs	3,286	2,617
*Children's Groundwater Festival	5,000	n/a
Kortright Centre	61,730	66,108
Bruce's Mill		
Maple Syrup Program	6,513	9,049
Totals	**150,907**	**144,833**

Claremont Field Centre

- Alliance/Atlantis films used the property for their production of "Little Men"
- The classroom/lab displays were completed with the assistance of a special display artist, Connie Vezina, through an employment program by Human Resources Canada
- New carpet was installed in the lounge, thanks to a donation from the Mackenzie Fund
- $5000 of new equipment was purchased through funding from Canada Trust's Friends of the Environment
- A community work project that included painting the windows and mudroom area was completed by the North Scarborough Rotarians

Lake St. George Field Centre

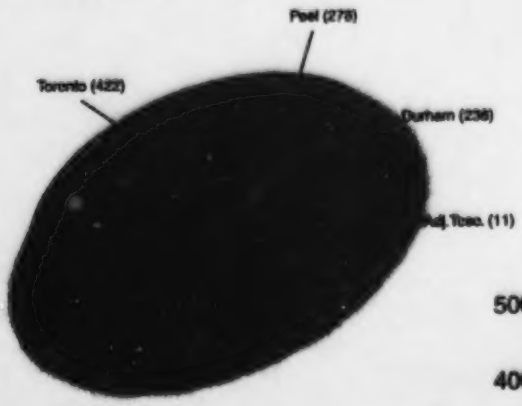
- Lake St. George hosted several Guide Leader Weekend Workshops and an International Understanding weekend group visited from Japan
- The Summer Environmental Science Course, sponsored by the new Toronto District School Board, was at full capacity
- A Canada Trust's Friends of the Environment gift of $2500 went toward the purchase of photographic equipment for the Nature Photography program and a World Wildlife Fund/Canadian Fund gift of $500 went toward development of the Butterfly Garden and Butterfly Box building activities
- New bird feeding stations around Davies Hall were donated through the "Bird Fund"
- Staff reviewed and began to connect program materials to the new provincial curriculum in Science and Technology

Land Use, Planning Advisory Services & Regulation

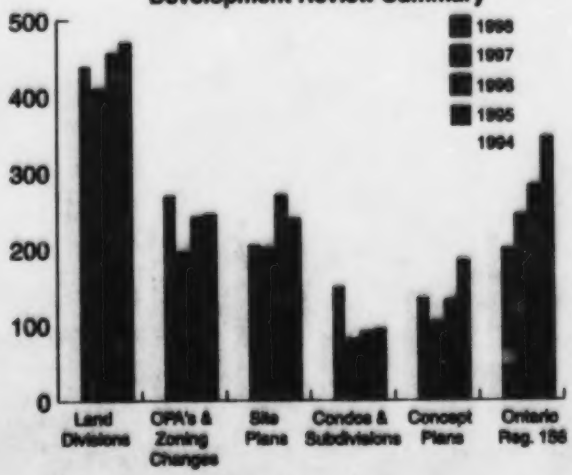
Administration

- A total of 345 permit application were received by Toronto and Region Conservation Authority (TRCA) staff, resulting in 283 permits being issued
- In 1998, 66 violations were issued for works whic proceeded without a permit or which did not comply with the approved plans
- A total of 1,515 planning applications were reviewed by TRCA staff, including the finalization of the Pickering Official Plan and other significant Secondary Plans throughout the jurisdiction
- The TRCA finalized a level three agreement with the Department of Fisheries and Oceans (DFO) which requires that the TRCA screen all applications for potential fish habitat impacts, provide guidance on acceptable mitigation measures and facilitate DFO authorization for an appropriate compensation package
- The TRCA finalized new planning partnership agreements with the Region of York and the City of Mississauga and neighbouring conservation authorities
- The program for pre-screening of planning applications was finalized with the Town of Markham, Pickering and the Region of Durham

Planning and Permit Applications by Region



Development Review Summary



Regeneration Projects

Local Municipality	Project Name	Watershed	Trees & Shrubs Planted	Other Work Completed
Durham Region				
Ajax	Duffins Marsh RotaryPark	Duffins Creek	50	Complete a Bioengineered Slope Stabilization Project
Pickering	Dunbarton Creek Crossing Restoration	Frenchman's Bay	534	
	Twynn Rivers Drive Slope Revegetation	Rouge River	380	
	Parkham Parkette	Frenchman's Bay	605	Constructed a log-crib fishing platform Community planting event
	Fairport Beach Park	Lake Ontario Waterfront	1083	Community planting event
Peel Region				
Brampton	Snelgrove Valleyland Bioengineering	Etobicoke Creek	206	Completed a Bioengineered Bank Stabilization Project
Caledon	Bolton Mill Park Wetland	Humber River	192	Partnered with Town and community to complete plantings
	Caledon East Wetland	Humber River	130	Partnered with community to complete further plantings
	Stonehart Estates (Bruno Bros.) Density Bonus	Humber River	24620	
	Palgrave Mill Pond	Humber River	280	Partnered with community and school groups to complete public planting event
Mississauga	Edward L. Scarlett Greenbelt - Phase 3	Etobicoke Creek	375	partnered with City of Mississauga and Pratt & Whitney Canada - 3rd Annual Planting Event
	Malton/Derry Greenway	Mimico Creek	15	partnered with City of Mississauga
	D1 - Derry/Goreway		200	
	M2 - Malton/Etude		22	
	M5 - Malton/Westwood		130	
	M6 - Malton/Brandongate			
	Dixie-Dundas Channel Naturalization Plantings - Phase 2	Etobicoke Creek	243	partnered with City of Mississauga
	Applewood Hills Greenbelt Naturalization	Little Etobicoke Creek	139	partnered with City of Mississauga
	Fleetwood/Glen Forest - Arbour week 1998	Etobicoke Creek	522	local school planting event in partnership with City of Mississauga
	Garnetwood Park Naturalization	Etobicoke Creek	426	partnered with City of Mississauga

Regeneration Projects

Local Municipality	Project Name	Watershed	Trees & Shrubs Planted	Other Work Completed
Toronto				
City of Toronto	Harbour Square Park	Lake Ontario Waterfront	155	Completed 65M x 3M Shoreline Bioengineering Stabilization
	Riverdale Farm Ponds Habitat Enhancement	Don River	1542	Completed reconstruction of pedestrian pathway and new pond viewing platforms; Public planting event in cooperation with City of Toronto/Don Task Force
	Tommy Thompson Park Toplands Habitat - Phase 2	Lake Ontario Waterfront	n/a	Alter terrestrial landform to enhance wildlife opportunities
	Tommy Thompson Park Triangle Pond	Lake Ontario Waterfront	n/a	Alter terrestrial and aquatic landforms to enhance habitat value
East York	Todmorden Mills Wetland Habitat Restoration	Don River	n/a	Construct pedestrian pathway/bridges/stairs to provide suitable access through a sensitive woodland habitat
Etobicoke	Mimico Estuary Slope Bioengineering	Mimico Creek	300	Volunteer planting for habitat islands; Completed slope bioengineering
	Westrose Greenspace Hydro Corridor	Humber River	700	Community planting event
	Sun Row Park Community Action Site	Humber River	516	Community planting events spring/fall 1998
North York	Burgundy Court Slope Stabilization Planting	Humber River	553	Hydroseeded 4,000 Sq. M
	AES Environment Canada HQ Naturalization	Don River	38	Site preparation for grounds naturalization program
Scarborough	Highland Creek Restoration Project	Highland Creek	1126	Partnered with Friends of the Highland for community/school plantings; Constructed snake hibernaculum
	East Point Park Naturalization Plantings - Phase 2	Lake Ontario Waterfront	400	
	Colonel Danforth Trail Slope Revegetation	Highland Creek	1153	
	Glen Rouge/Rouge River Erosion Site #2	Rouge River	471	Completed pedestrian trail realignment and bank stabilization works

Regeneration Projects

Local Municipality	Project Name	Watershed	Trees & Shrubs Planted	Other Work Completed
York Region				
King	ARCH/East Humber River Restoration	Humber River	275	Volunteer planting event - King City
Markham	German Mills Settlers Park	Don River	400	Completed a Bioengineering Bank Stabilization Project; 5th Thornhill Scouts plantings
	Burdenet Creek/ St. Matthews School	Rouge River	952	Partnered with Town and St. Matthews School to complete naturalization plantings
	Pomona Mills Park	Don River	60	Planting by local school children in association with Town of Markham
	Toogood Pond/Fishway Restoration	Rouge River	856	Planting by Unionville Scouts in partnership with Markham
Vaughan	Bartley Smith Greenway Ruperts	Don River	424	Constructed Marsh Basin Complex/Natural Channel
	Pond/Routley Park (Maple) - Phase 2			Community planting event Fall 1998
	Boyd North/Foster Woods/Glassco Park Reforestation	Humber River	15000 600	Partnered with Toronto Separate School Board; Kleinburg Area Ratepayers Association Annual Planting
	Nort Johnson/ Fundale Park	Humber River	392	School/Community planting event
	Bartley Smith Greenway - Keffer Marsh	Don River	1298	Community/School planting events
	Bartley Smith Greenway - Glen Shields Drive	Don River	625	Community/School planting event
	Boyd CA/Islington Woods Slope Revegetation	Humber River	400	Local school planting event sponsored by TACC
	Granger Greenway	Humber River	1395	School/Scout plantings at McMichael/Glassco Park

Asset Management

Lands Acquired as of December 1998

Watershed	Hectares to Date
Etobicoke	374
Mimico Creek	40
Humber River	6711
Don River	914
Highland Creek	395
Rouge River	1106
Duffins Creek	2247
Petticoat Creek	134
Carruthers Creek	25
Lake Ontario Waterfront	1315
Total	**13261**

Lands Acquired during 1998

	Hectares
Forest & Wildlife Area	0
Waterfront	25
Flood Control & Water Conservation	96
Adjustments	0
Total	**121**

Property Services

- During 1998, TRCA completed 31 acquisitions and sold 8 parcels of land
- Work began on a number of acquisitions including the Timbers Property and the Canadian National Railway Property along the Lake Ontario Shoreline, which is in support of the Port Union Shoreline Regeneration Project
- Property staff continued to manage 57 rental homes, 20 farm agreements and approximately 15 Authority Agreements which include; Wild Water Kingdom; Claireville Ranch; Field Schools; trail agreements; film agreements; and Permission to Enter Agreements
- The former Secord Property which is comprised of 3 residences was rented
- During 1998 the list of potential uses for two parcels of land on the north and south of Hwy 7 was refined and an Expression of Interest was circulated with a number of submissions
- A Request for Proposal was advertised for TRCA Lands on the southeast corner of Finch and Steeles Avenues
- Property staff continued to administer 10 TRCA Insurance Policies and had 91 contingent liabilities and 5 claims
- A planting and management strategy that enhances the natural landscape features of Head office grounds into a diverse and self sustaining ecosystem continued through the following actions:
  - the discontinuation of pesticide and fertilizer use;
  - the reduction of lawn maintenance;
  - improvement to soil conditions;
  - planting of native trees, shrubs and wildflowers;
  - creation of a seasonal drainage area; and
  - maintenance of the central lawn area.

Development & Marketing

In 1998 the Toronto and Region Conservation Authority in partnership with The Conservation Foundation completed a strategic review of TRCA's revenue development programs. The urgent need for increased fundraising pushed the scope of this strategic planning into complementary areas of marketing, communications and the revenue opportunities of our public use facilities.

The result of the extensive work included:

- a charitable and commercial market assessment;
- restructuring of the management resources and refocussing of the campaigns of The Conservation Foundation;
- re-establishment of The Foundation as a key source of revenue for TRCA
- the creation of a Marketing unit and broader marketing and customer/donor service discipline within TRCA;
- the creation of a new group sales unit;
- a business review of some of our commercial public use venues and events;
- the initial development of a number of new charitable and commercial "products", such as "Conservation Journeys", a new direction for TRCA and The Foundation that invites a broader sector of the public to support TRCA environmental and public use programs;
- a long term, comprehensive revenue development and marketing strategy for TRCA and the Conservation Foundation through a new Development and Marketing Division.

Financial Statement

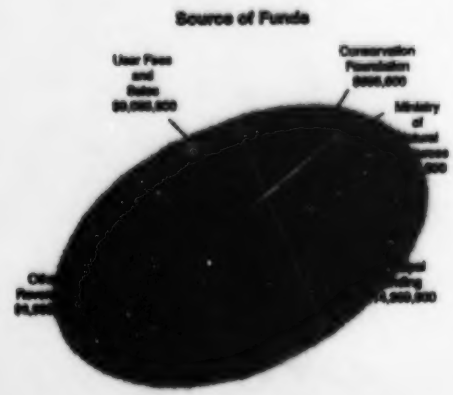
Operating expenditures for 1998 totalled $19.6 million, approximately $0.2 million over the approved budget but lower than 1997 actuals due to changes in the way property taxes on conservation lands are determined. The higher than budgeted expenditures are primarily attributable to unbudgeted programs for which special funding became available during the year. The Toronto and Region Conservation Authority (TRCA) generates a significant portion of its revenues from non-tax sources including admission and program fees, and retail sales. In 1998, much of the planned for growth in these non-tax supported revenues was achieved. Combined with unbudgeted revenue sources the TRCA was able to end the year with a modest $36,800 operating deficit.

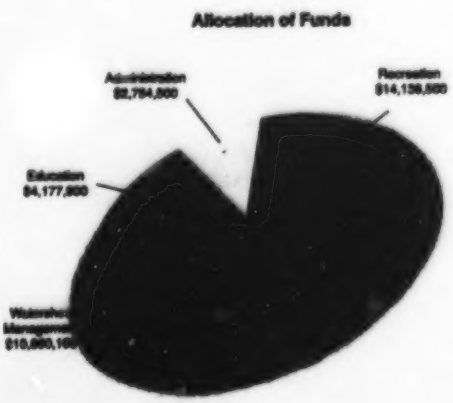
Capital expenditures totalled approximately $12.3 million and included valley and shoreline regeneration, waterfront regeneration projects and land acquisition. Efforts continued to complete the Etobicoke Motel Strip Waterfront Park Project and the remediation of the contaminated lands in the former Canadian Arsenals site. Of special note was the completion of The Centre for Sustainable Living (formerly the Kortright Biological Waste Treatment Centre), a biological wastewater treatment facility that complements Kortright's focus on renewable energy and sustainability. Fundraising for this initiative is a multi-year undertaking which is why expenditures for the 1998 capital program were $526 thousand over revenues.

In 1996, TRCA reviewed all of its activities and completed a three year business plan setting out the financial strategy to preserve core watershed and public use programs and to deal with the loss of provincial and municipal revenues. In 1998, the plan was refined and updated to create the 1999 to 2001 Business Plan.

This year almost 50% of the TRCA's funding was self-generated. The property taxpayers of the TRCA's watersheds paid a modest $2.37 per capita to fund conservation in all its aspects. The Toronto and Region Conservation Authority continues to seek out new partnership opportunities with the private sector, the federal government, the Province, and the municipalities of the Greater Toronto Area.

Other Provincial	$10,841,00
Other Fundraising	$43,400
Federal	$632,600
Property Rentals	$1,343,500
Property Sales	$1,547,900
Reserves	$423,900
Interest	$425,400
Sundry	$1,068,400
Total	$6,569,200





Copies of the 1998 Audited Financial Statements many be obtained by contacting the Director of Finance and Business Development, TRCA.

Conservation by the People

The Service Recognition Awards Program, adopted in 1976, are a way of paying tribute to those members and staff recognized as having made outstanding contributions to the interests of The Toronto and Region Conservation Authority (TRCA). There are two categories of awards: Honour Roll Awards and Service Recognition Awards.

Honour Roll Awards

Honour Roll Awards are granted to persons and/or corporate bodies who have made a significant contribution to the aims and objectives of TRCA. Each award consists of a framed citation and is marked by a tree planted and identified with the recipient's name in designated areas around TRCA Head Office and at Black Creek Pioneer Village.

In 1998 Honour Roll Awards were presented to:

Jim Keenan
Robert Schad
Ingeborg Secord
Canada Trust Friends of the Environment Foundation
Citizens for Carruthers
Friends of the Spit

Service Recognition Awards

The Service Recognition Awards Program was created to recognize TRCA, Advisory Board, and Foundation Directors, as well as staff and volunteers, on an annual basis. The awards are based on years of service.

In 1998 gold medallions were presented to the following staff with 25 years of service:

Frank Bulatko
Brian Crozier
Brian Denney
Mike Fitzgerald
John Groen
Ed Patterson
Waneeta Robertson